

Applicant : Manfred Lenhart
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IN THE SPECIFICATION:

On page 5, please replace the description of the figures starting on line 10 with the following new description of figures:

- Fig. 1 depicts a sectional view of a changeover valve of a slurry pump in accordance with the invention in the region of the diverter valve;
- Fig. 2 depicts the sectional view designated in Fig. 1 as A-A;
- Fig. 3 depicts the sectional view designated in Fig. 2 as B-B;
- Figs. 3A-3C depict various embodiments of the support for the cam plate of the diverter valve at the housing of the change over valve;
- Fig. 4 depicts a phase representation of the movement sequences of the diverter valve in the same view as in Fig. 2;
- Fig. 5 depicts a path-time chart corresponding to the phases in Fig. 2; the chart relates to the strokes — controlled in an out-of-phase manner of the two slurry-pump rams.

On page 7, please replace the paragraph starting on line 13 with the following new paragraph:

A variation on the depiction in Fig. 1 is that the actual design of the changeover valve does not include any gap, or includes just an extremely narrow gap, between the surface of the cam 15 — which surface points towards the feed cylinders 3 and 5 — and the inner wall of the housing 7. This version, too, will be discussed in more detail below. It should merely be pointed out at this juncture that it will be necessary to seal very carefully those parts which can move against one another, *viz.*, on the one hand, the diverter valve 11 together with the cam 15 and the edges of the openings within the cam 15, and, on the other hand, the housing wall 7 or the discharge or intake openings of the feed cylinders 3 and 5, thereby obtaining crucial improvements over the class-forming prior art. Moreover, the cam 15 is preferably supported, along the whole of its periphery (Fig. 3A), on the inner housing wall 7 so as to provide as broad a mechanical basis as possible to counter any forces taking effect.

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On page 10, please replace the paragraph starting on line 18 with the following new paragraph:

A separately replaceable wear plate (15a) (Fig. 3B) should preferably be arranged on the inner wall of the housing 7 in a manner known per se. This forms the basis for the necessary sliding movements that are performed by the diverter valve 11 or cam 15 with respect to the housing wall 7 during pivoting.

On page 11, please replace the paragraph starting on line 4 with the following new paragraph:

Finally, it is advantageous for the entire outer circumference of the cam 15 to be sealed against the pre-charging tank even if no elevated pressure load arises there. Nevertheless, such a circumferential external seal (15c) (Fig. 3B) greatly reduces the load affecting the pressurized seals around the openings 21 and 23 as a result of the abrasive constituents in the high-viscosity material (concrete), thus possibly extending the replacement intervals. It is possible to let the circumferential seal of the cam 15 run on the same wear plate as the cutting rings, whereby the wear plate (15a) must have at least the same diameter as the cam 15 (FIG. 3C). It is, however, also possible to provide a separate wear ring on which just the wear seal (15c) of the cam 15 runs. If this is the case, it would be possible to replace the wear ring and the (smaller) wear plate separately.